



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
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नई दिल्ली, शनिवार, दिसम्बर 28, 1996 (पौष 7, 1918)

No. 52]

NEW DELHI, SATURDAY, DECEMBER 28, 1996 (PAUSA 7, 1918)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कायलिय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 28th December 1996

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Calcutta-700 020.

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पेटेंट कार्यालय

एकात्म तथा अभिकरण

कलकत्ता, दिनांक 28 दिसम्बर 1996

पेटेंट कार्यालय के कार्यालयों के पहने एवं कोन्वेन्युलिकार

तेंटेंट कार्टलिंग का प्रधान कार्यालय कलकत्ता में अवस्थित है
हथा एक दिल्ली एवं मद्रास में इसके शास्त्र कार्यालय हैं, जिनके
पार्श्वशीक्षक श्रेष्ठाभिकार जोन के आधार पर निम्न स्तर में प्राप्ति
हैं।

पेटेंट कार्यालय शास्त्र, टॉडी इस्टर्न
टीगग तल लोडोर परेल (परिवर्म),
—४०००१३।

गुजरात, महाराष्ट्र तथा ग्रध्य इदेश तथा गोवा राज्य क्षेत्र
एवं संघ शासित क्षेत्र समर स्था दीव एवं बादरा और नगर
हैं।

तार पता—“पेटेंटिंग”

पेटेंट कार्यालय शास्त्र,
पाइक मं. 401 ते 405, तीसरा तल,
नगरगांगलिका शाजार भवन,
गर्गवली मार्ग, करोल बाग,
नई दिल्ली-110005।

हार्डिंग्याणा, फ्रिमार्कल प्रदेश, जम्म स्था कश्मीर, पंजाब,
गान्धीनगर, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ
शासित क्षेत्र धण्डिगढ़।

तार पता—“पेटेंटिंग”

CORRIGENDUM

Under the heading “PATENT SEALED” in the Gazette of India, Part III, Section 2 dated 4th October, 1996 was notified on 02nd November, 1996 delete the Patent Application No. 176317 (77/CAL/92).

OPPOSITION PROCEEDINGS UNDER SECTION 25
CORRIGENDUM

Opposition proceedings in respect of Patent No. 175827 (625/CAL/92) which will be published in the Gazette of India, Part III, Section 2 on 9th November, 1996 is hereby cancelled. The opposition proceedings in respect of patent application No. 175827 (625/CAL/92) read as follows :

The application No. 175827 (625/CAL/92) against which opposition have been entered by M/S. PANDROL LIMITED AND M/S. RESEARCH DESIGNS & STANDARD ORGANISATION FOR grant of Patent to the said application has been withdrawn by the applicant as such there will be NO PATENT for application No. 175827 (625/CAL/92).

पेटेंट कार्यालय शास्त्र,

61, बालाजाह एंड,
मद्रास-600002।

अन्ध प्रदेश, कर्नाटक, केरल, सांगल्नाडु तथा
पाण्डिकरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्ष्मीपुरा,
मिनिकाम तथा एमिनीदिवि लक्ष्मीपुरा।

तार पता—“पेटेंटिंग”

पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, द्वितीय अहुसलीय कार्यालय,
भवन. 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता—“पेटेंटिंग”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, गिवरण या अन्य प्रलेख पेटेंट कार्यालय के क्षेत्र उपर्युक्त कार्यालय में ही प्राप्त किये जायेंगे।

कृत्तिः—शास्त्रों की अदायगी या तो नकद की जाएगी अथवा उपर्युक्त कार्यालय द्वे नियंत्रक को भुगतान योग्य धनादेश व अथवा इक आदेश या जहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित दोनों से नियंत्रक को भुगतान योग्य दोनों ड्राफ्ट अथवा संकेत द्वारा की जा सकती है।

APPLICATION FOR PATENT FILLED AT THE HEAD
OFFICE 234/4, Acharya Jagdish Bose Road, Calcutta-20.

The dates shown in the crescent bracket are the dated claimed under section 135, of the Patent Act, 1970.

11-09-1996

1617/Cal/96	Phillips Electronics N.V., “Transferring information via the lead-in area of an information carrier”
1618/Cal/96	Yaschenko Vladimir Grigorovich “The method of production of interior-lining articles from gypsum containing materials, form for production of interior lining articles.”
1619/Cl/96	Bioestimulantes organicos, IDA, “A formulation and procedure to increase resistance of plants to pathogenic agents and environmental stress” (Convention No. 60/003, 749 on 14-09-95 in U.S.A.)
1620/Cal/96	I.M.A. Industria Macchine automache SPA, “Device for filling blister band with articles” (Convention No. B095A000451DT, on 27-09-95 in Italy)

		APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH 61, Wallajah Road, Madras-600 002.
1621/Cal/96	Merck Patent Gesellschaft Mit Beschränkter Haftung, "Cyclic Adhesion Inhibitors" (Convention No. 19534177.5 on 15-09-95 in Germany)	3rd June, 1996
1622/Cal/96	TEMIC BAYERN-CHEMIE AIRBAG GMBH, "Gas Generator" (Convention No. 19541583.3 on 8-11-95 in Germany)	941/MAS/96 V.V. Thanga Thiruppathy. Safe fearless inland canal speed boating cum waterskating with safety devices for the skating people.
1623/Cal/96	Windmoller & Holscher, 'Doctor blade unit for the inking system of a rotary printing press" (Convention No. 19536268.3 on 28th September 1995 in Germany)	942/MAS/96 Prof. O.S. Reddy. mutant bacterium streptococcus that produces hyaluronic acid.
1624/Cal/96	Windmoller & Holscher, "Device for pulling open continuously cross-conveyed tube sections for the purpose of forming bottoms in the manufacture of sacks. (Convention No. 19540150.6 on 27-10-95 in Germany)	943/MAS/96 Govardhan Sathiyanarayanan. Guru Submersible pumpset.
1625/Cal/96	(1) Vallourec Oil & Gas, (2) Sumitomo Metal Industries, "Threaded Joint for tubes Convention No. 08/538, 436 on 3-10-95 in U.S.A.) 12-09-1996	944/MAS/96 SMS Schloemann-Siemag Aktiengesellschaft. Driver for rolled strip. (June 9, 1995; Germany).
1626/Cal/96	Dr. Sitesh Chandra Ray, "Improvement in or relating to Briefs, Underwears or the like".	945/MAS/96 Henkel Corporation. The use of C ₁₆ C ₁₈ alkylpolyglycosides AS defoamers in cleaning compositions. (June 1, 1995; United States).
1627/Cal/96	Hoechst Celanese Corporation, "Removal of Carbonyl impurities from a carbonylation process stream"	946/MAS/96 Novo Nordisk A/S. AL/FE-treatment of protein solution followed by membrane concentration. (June 2, 1995; Denmark).
1628/Cal/96	(1) Hisao ITO (2) Yoshitomi MURATA. "Magnetic rom card and method of writing signals on the magnetic rom card" (Convention No. 182592/1996 on 10th June, 1996 in Japan)	947/MAS/96 Joshua David Silver. An optical apparatus and method. (June 1, 1995; Great Britain).
1629/Cal/96	Engelhard Corporation, "Catalyzed packing material for regenerative catalytic oxidation" (Convention No. 08/531, 845 on 21-09-95 in U.S.A.)	948/MAS/96 Novus International Inc. Continuous hydrolysis process for preparing 2-hydroxy-4-methylthiobutanoic acid or salts thereof.
1630/Cal/96	Signal Global Communications Limited Partnership, "System and method for establishing a call telecommunications path" (Convention No. 08/659, 677 on 5-6-95 in U.S.A)	949/MAS/96 Upscale Technologies Inc. Method and apparatus for removing nitrates from water. (June 1, 1995 ; United States).
1631/Cal/96	Pai Lung Machinery Mill Co., Ltd., "Fabric rolling-up device and control circuitassembly". 13-09-1996	950/MAS/96 Philip Morris Products Inc Protective and cigarette ejection system for an electrical lighter. (June 7, 1995 : U.S.A.).
1632/Cal/96	E C P Enichem Polimeri S.r.l. "Process for the preparation of a catalyst for the stereospecific polymerization of propylene"	951/MAS/96 Kimberly-Clark Corporation. Creped and/or apertured webs and a process for producing the same (June 5, 1995; U.S.A.)
1633/Cal/96	Shri Pinaki Chakraborty, "An endfire antenna assembly with mechanism of additive subreflection".	952/MAS/96 AST Research, Inc.. Glitch free clock enable circuit. (June 7, 1995; U.S.A.)
1634/Cal/96	Siemens Aktiengesellschaft, "Process and apparatus for removing hydrogen from a gas mixture." (Convention No. 19534095.7 on 14-09-95 in Germany)	953/MAS/96 AST Research Inc.. Method and apparatus for testing a megacell in an asic using JTAG. (June 7, 1995; U.S.A.)
1635/Cal/96	Matsushita Electric Industrial Co. Ltd., "Washing Machine" (Convention No. 8-121292 on 16-5-96 on Japan)	954/MAS/96 BASF Aktiengesellschaft. Novel compounds the preparation and use thereof.
1636/Cal/96	Matsushita Electric Industrial Co. Ltd., "Washing Machine" (Convention No. 8-121293 on 16-5-96 in Japan)	955/MAS/96 BASF Aktiengesellschaft. Novel compounds, the preparation and use thereof.
1637/Cal/96	Brooke Bond Lipton India Limited, "Surface-Active Composition".	4th June, 1996
1638/Cal/96	Daikin Industries, Ltd., "Filler containing polytetrafluoroethylene granular powder and preparation process of same" (Convention No. 264818/1-95 on 18.9.95 in Japan.	956/MAS/96 Jose K. Varkey. An emergency light.
		957/MAS/96 Tropical Botanic Garden & Research Institute . Preparation of an antidiabetic herbal drug from the plants trichopus zeylanicus, withania somnifera and piper longum.
		958/MAS/96 Tropical Botanic Garden & Research Institute. A process for preparation of "Vaji" herbal sports medicine from the plants trichopus zeylanicus ssp. travancoricus.
		959/MAS/96 Tropical Botanic Garden & Research Institute. A process for preparation of "Jeevani", a novel immunoenhancing, antifatigue, anti-stress and hepatoprotective herbal drug from the plants trichopus zeylanicus ssp. travancoricus, withania somnifera, piper longum and evolvulus alsinoides.

960/MAS/96	Tropical Botanic Garden & Research Institute. A process for preparing a drug composition for alleviating symptoms of psoriasis and dandruff.	6th June, 1996.
961/MAS/96	The Dow Chemical Company. Aqueous dispersions of olefin copolymers. (June 5, 1995; United States).	980/MAS/96 Linde Aktiengesellschaft. Annular periphery-sealing means for a mass-exchange column filled with a structured packing. (June 7, 1995, Germany).
962/MAS/96	Acushnet Company. Golf shoe having spike socket spine system. (June 5, 1995; United States).	981/MAS/96 Vermont American Corporation. Masonry drill bit and method of inserting. (June 7, 1995; United States).
963/MAS/96	Bjankers Trust Company. Multi-step digital signature method and apparatus. (June 6, 1995; U.S.A.)	982/MAS/96 Mitsubishi Cable Industries, Ltd. Insulating material for coaxial cable, coaxial cable, and method for producing coaxial cable.
	5th June, 1996.	983/MAS/96 Novus International, Inc. A nutrient formulation and process for enhancing the health, viability, cumulative weight gain or feed efficiency in poultry and other animals.
964/MAS/96	Tri-Point Medical Corporation. Impregnated applicator tip.	984/MAS/96 Advanced Refractory Technologies Inc. Diamond-like nanocomposite corrosion resistant coating. (June 7, 1995; United States).
965/MAS/96	BIG Corporation. Lighter with looped guard. (June 7, 1995; U.S.A.).	985/MAS/96 Advanced Refractory Technologies, Inc. Erosion resistant diamond-like nanocomposite coatings for optical components (June 7, 1995, United States).
966/MAS/96	Philip Morris Products Inc. Cigarette and method of manufacturing cigarette for electrical smoking system. (June 7, 1995; USA).	986/MAS/96 Owens-Illinois Closure Inc. method and apparatus for compression molding plastic articles.
967/MAS/96	Kimberly-Clark Corporation. Apparatus for measuring the crush recovery of an absorbent article and the article itself. (June 7, 1995; United States)	987/MAS/96 Norddeutsche Seekabelwerke GmbH, Töwer packing block and method of a manufacturing the same. (June 7, 1995, Germany)
968/MAS/96	NEC Corporation. Composite molded product and method of manufacturing the same (June 6, 1995; Japan)	988/MAS/96 NEBL, Inc. Female urinary incontinence device. (June 7, 1995, U.S.A.)
969/MAS/96	NEC Corporation. Radio selective calling receiver with message display capability (June 6, 1995, Japan).	7th June, 1996.
970/MAS/96	Medical Technologies, Inc. Fastener and fastening method, particularly for fastening sutures to bone. (June 6, 1995, United States)	989/MAS/96 ABB Daimler-Benz Transportation. Vehicle control system. (June 24, 1996, Germany)
971/MAS/96	Li Medical Technologies, Inc. Retractable fixation device. (June 5, 1995, United States)	990/MAS/96 AST Research Inc. Method and apparatus for reducing cumulative time delay in synchronizing transfer of buffered data between two mutually asynchronous buses. (June 7, 1995, United States)
972/MAS/96	Li Medical Technologies, Inc. Method and apparatus for securing ligaments. (June 5, 1995, United States)	991/MAS/96 BASF Aktiengesellschaft. Terpenes, for reducing the pheromone action on lepidoptera.
973/MAS/96	A Ahlstrom Corporation. Method and apparatus for treating pulp.	992/MAS/96 Solaic. An integrated circuits card. (June 9, 1995, France)
974/MAS/96	Novo Nordisk A/S. An enzyme with exochitinase activity.	993/MAS/96 Solaic. A chip for an electronic card coated with a layer of insulating materials and an electronic card including such a chip. (June 12, 1995, France)
975/MAS/96	Vesuvius Crucible Company Probe system for reliable monitoring a condition in a metallurgical process.	994/MAS/96 Solaic. An electronic component including a switch that is movable in translation. (June 14, 1995, France)
976/MAS/96	Daewoo Electronics Co. Ltd. Method and apparatus for decoding variable length code.	995/MAS/96 Kimberly Clark Tissue Company. High water absorbent, double-recreped, fibrous webs. (June 7, 1995, U.S.A.)
977/MAS/96	Cargill Incorporated. Improved process for recovering xanthophylls from corn gluten. (June 7, 1995, U.S.A.).	996/MAS/96 Advanced Refractory Technologies, Inc. Electrically turnable coatings. (June 7, 1995, U.S.A.)
978/MAS/96	Air Products and Chemicals, Inc. Absorbents for zone recovery from gas mixtures. (October 6, 1995, U.S.A.)	
979/MAS/96	Genentech Inc. Mammalian cell cultural process. (June 9, 1995, U.S.).	

997/MAS/96 Mannesmann Aktiengesellschaft. Device for sealing between movable assembly parts. (June 9, 1995, Germany)

998/MAS/96 Mannesmann Aktiengesellschaft. Device for sealing between movable assembly parts. (June 9, 1995, Germany)

999/MAS/96 Sollac. Process and plant for cold rolling with compensation for ovalization of the rolling rolls. (June 8, 1995, France)

1000/MAS/96 Henkel Kommanditgesellschaft auf Aktien. Filter. (June 8, 1995, Germany)

1001/MAS/96 Kimberly-Clark, Tissue Company. Improved recycled absorbent paper product and method for making. (June 7, 1995, U.S.A.)

1002/MAS/96 Mogen International nv. Regulatory DNA sequences.

1003/MAS/96 Quiclave, L. L. C. Method and system for simultaneous sterilization of multiple medical instruments. (June 7, 1995, United States)

1004/MAS/96 The Clorox Company. N alkyl ammonium acetonitrile activators.

ALTERATION OF DATE UNDER SECTION-16.

177303

Patent No. 598/Mas/92 Ante-dated to 20th January, 1989.

177304

Patent No. 255/Mas/93 Ante-dated to 22nd Feb., 1989.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वद्वारा यह सूचना वी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रम एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकस्य को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्ताल्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक फैली के भीतर ही काला किए जाने आविष्ट हैं।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए गये क्रमांकण, भारतीय वर्गीकरण तथा अंतर्राष्ट्रीय वर्गीकरण के अनुसूप हैं।”

रूपांकन (चित्र आरेस) की फोटो प्रतियां यदि कोई हों, उसे साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शास्त्र कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पथ व्यवहार द्वारा मुद्रित करने के उपरान्त उसकी अदायगी पर को जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेस कागजों के जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Class—63-A₂, A₃, B & H

177301

Int. Cl. 4—H 02 K 21/08, 21/12

A SYNCHRONOUS ELECTRIC MACHINE

Applicant & Inventor: KAZUO NAKANO, OF 1-8-19 MISHUKU, SETAGAYA-KU, TOKYO, JAPAN OF JAPANESE NATIONALITY.

Application No. 475/MAS/90 filed June 15, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

3 Claims

A synchronous electric machine comprising an armature structure and a field structure rotatably mounted to rotate around an axis of rotation relative to said armature structure, said armature structure having a plurality of salient poles located circularly around said axis of rotation and having a plurality of windings wound on said salient poles respectively, said windings being connected to each other to form an armature windings connection, said field structure having a plurality of permanent magnets with magnetic poles arranged circularly around said axis of rotation facing said salient poles of said armature structure, said permanent magnets are disposed with their boundaries skewed relative to said axis of rotation, wherein the number (n) of said salient poles of said armature structure being one more than the number (n-1) of said permanent magnets, said permanent magnets are magnetized for forming

north and south poles at each of its circumferentially opposite ends, and the respective two poles opposite in polarity to each other of every two adjacent permanent magnets are disposed circumferentially adjacent to each other with a gap therebetween and to face said salient poles of said armature structure with a gap therebetween.

Agents : M/s. DePenning & DePenning

(Com.—13 pages Drwgs.—5 sheets)

Ind. Class—128—A

177302

Int. Cl. 4—A 41B 13/02

A DISPOSABLE GARMENT

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, OF 3M CENTER, ST. PAUL, MINNESOTA 55144, U.S.A.

Inventor : SUSAN KAY NESTEGARD, U.S.A.

Application No. 586/Mas/92 filed September 21, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

7 Claims

A disposable garment such as a diaper comprising a laminate for applying around a portion of an individual, and hook and loop fastener means for fastening together portions of said laminate to secure said garment to the individual, said fastener means having at least one unitary hook fastener portion of a resiliently flexible polymeric resin comprising a base having parallel upper and lower surfaces, and at least 45 spaced hook members per square centimeter projecting at right angle from the upper surface of said base, said hook members having a height from said upper surface of less than 1.5 millimeter and each comprising a stem portion attached at one end to said base, and a head portion at the end of said stem portion opposite said base, which head portion has a rounded surface opposite said stem portion, said stem and head portions having the same thickness of less than 0.046 centimeter in a first direction parallel to the surfaces of said backing, said stem portion having a width in the range of 0.018 to 0.03 centimeter in a second direction at right angle to said first direction and parallel to the surfaces of said backing, and said head portion having a width at least 0.007 centimeter greater than said stem portion and a total width of less than about 0.1 centimeter in said second direction, the total cross sectional area of said head portions in a plane parallel to said upper surface being less than 32 percent of the area of said upper surface.

Agents : M/s. DePenning & DePenning

(Com.—24 pages, Drwgs.—2 sheets)

Ind. Class—12-C

177303

Int. Cl. 4—C 21 D 9/52

AN INSTALLATION FOR MANUFACTURING HEAT TREATED CARBON STEEL WIRE

Applicant : COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELINMICHELIN & CIE, A FRENCH COMPANY, OF 4 RUE DU TERRAIL, 63000 CLERMONT-FERRAND FRANCE.

Inventors : (1) ANDRE REINICHE
(2) PHILIPPE SAUVAGE

Application No. 598/Mas/92 filed September 25, 1992.

Divisional to Patent Application No. 53/Mas/89, Antedated to 20th Jan., 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

2 Claims

An installation for manufacturing heat treated carbon steel wire comprising at least one apparatus for manufacturing carbon steel wire having fine pearlitic structure means for bringing the wire to a temperature above the Ac_3 transformation temperature before pearlitization and means for cooling the wire after pearlitization, the said apparatus for manufacturing carbon steel wire having fine pearlitic structure comprising pearlitization means having one tube, moving means for moving the wire through the tube, a gas contained in the said tube which is practically without forced ventilation and a heat-exchange fluid surrounding the tube to transfer the heat from the wire through the gas and through the tube to the heat exchange fluid, wherein the inside diameter of the tube (D_{t_1}) expressed in mm, the diameter of the wire (D_f) expressed in mm which is not greater than 6 mm and the conductivity of the gas (λ) at 600°C expressed in Watts. $Ni^{10} K^{-1}$ are selected to satisfy the relation

$$1.05 \leq R \leq 15$$

$$5 \leq K \leq 10$$

in which R is $\frac{D_{t_1}}{D_f}$

and K is $\left[\frac{10}{\left(\frac{D_{t_1}}{D_f} \right)} \right] \times D_f^{2/\lambda}$

(Com.—34 pages, Drwgs.—6 sheets)

Ind. Class—32-C

177304

Int. Cl. 4—C 07 K 7/00

ASTRA RESEARCH CENTRE INDIA, A REGISTERED INDIAN SOCIETY, OF 18TH CROSS, MALLESWARAM, BANGALORE—560 003, KARNATAKA STATE, INDIA

Inventor : (1) Dr. CHINNASWAMY JAGANNATH
(2) Dr. MEENAKSHI BALGANESH
(3) Dr. BACHALLY RAMASASTRY SRINIVASA

Application No. 255/Mas/93 filed April 12, 1993.

Divisional to Patent Application No. 938/Mas/89, Antedated to December 22, 1989.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A process for the preparation of a mixture of novel peptides of the structure given below :—

SEFAYGSFVR

RATYDKRYEVR

AELPGVDPDCDVICITR

by culturing *Ming* *Mycobacterium Tuberculosis* by any known method to obtain a novel protein of the formula shown in Fig. 5, separating the protein so obtained by a known method such as herein described, digesting the protein with TPCK treated trypsin with an enzyme in the presence of a known buffer such as ammonium bicarbonate pH 7.8 at 37° C for 5 hours, and separating the peptides by a known method such as described.

(Com.—25 pages)

Drawings.—5 sheets)

Ind. Class—32 C

177305

Int. Cl. 4—C 07 H 21/00

A PROCESS FOR PREPARING A NOVEL LABELLED HYBRIDIZATION PROBE

Applicant : ASTRA RESEARCH CENTRE INDIA, A REGISTERED INDIAN SOCIETY, OF 18TH CROSS, MALLESWARAM, BANGALORE-560 003, KARNATAKA STATE

Application No. 284/MAS/93 filed April 27, 1993.

Divisional to Patent Application No. 230/MAS/90, Antedated to 30th March, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A process for preparing a novel hybridization probe comprising novel single stranded 63 mer oligonucleotide (& 63) having the sequence given below :—

AGGTCTTAACATGACTAACTAAGGTCTTAACCTAA-
CTAACTTAGGTC-TACTTTAACTAAACT

by known methods per se and labelling the probe so obtained by a group capable of Colourimetric detection.

(Com.—21 pages)

Drawings.—2 sheets)

Ind. Class—32-F 1

177306

Int. Cl. 4—C 07 D 209/00

PROCESS FOR THE PREPARATION OF 5-CHLOROXINDOLE

Applicant : LONZA LTD., A SWISS COMPANY OF GAMPEL/VALAIS, SWITZERLAND.

Inventors : (1) RENE IMWINKELRIED
(2) FELIX PREVIDOLI

Application No. 297/MAS/93 filed May 3, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

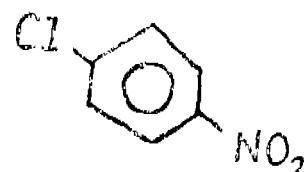
11 Claims

A process for the preparation of 5-chloroxindole of formula I ;



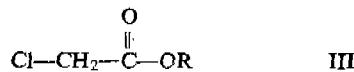
comprising the steps of ;

(1) reacting 1, 4-chloronitrobenzene of formula II ;

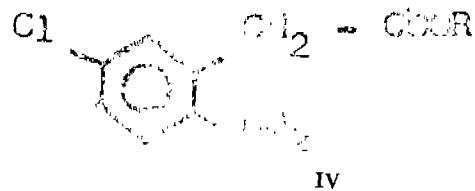


II

with a chloroethanoic acid alkyl ester of general formula III ;



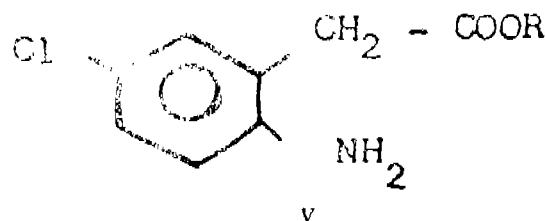
in which R denotes a branched or unbranched alkyl group of 1-7 carbon atoms in the presence of a base such as herein described to obtain a 2-nitro, 5-chlorophenyl-ethanoic acid alkyl ester of general formula IV ;



IV

in which R has the aforementioned meaning ;

(2) catalytically hydrogenating said 2-nitro, 5-chlorophenyl-ethanoic acid alkyl ester of general formula IV to form a corresponding 2-amino, 5-chlorophenyl-ethanoic acid alkyl ester of general formula V :



V

in which R has the aforementioned meaning ; and

(3) cyclising said 2-amino, 5-chlorophenylethanoic acid ester of general formula V, in the presence of an acid such as herein described, into the 5-chloroxindole of formula I.

(Com.—17 pages)

Ind. Class—32-C

Int. Cl⁴—C 07 K 7/00

A PROCESS FOR PREPARING NOVEL PEPTIDES

Applicant: BASF AKTIENGESELLSCHAFT, A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY OF 6700 LUDWIGSHAFEN FEDERAL REPUBLIC OF GERMANY.

Inventors: (1) ANDREAS HAUPT

(2) FRANZ EMLING

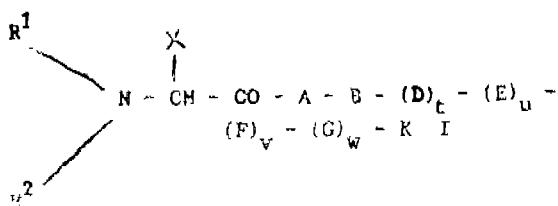
(3) CYNTHIA ROMERDAHL

Application No. 318/MAS/93 filed May 11, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A process for preparing novel peptides of the formula I,



where

 R^1

is alkoxy; alkyl; cycloalkyl; alkylsulfonyl; fluoroalkyl; trifluoroacetyl; amidino; ureyl; piperidithiosulfonyl; morpholinosulfonyl; benzyloxycarbonyl; alkyloxycarbonyl; aminosulfonyl which may be substituted by alkyl; hydroxy; arylsulfonyl which may be substituted by one or more substituents independently selected from alkyl, $-\text{N}(\text{CH}_3)_2$, nitro, halogen and CF_3 ; benzyl which may be substituted by up to three substituents independently selected from alkyl, alkoxy, nitro, halogen and CF_3 ; or NR^3R^4 where R^3 and R^4 may each be either hydrogen or alkyl;

 R^2

is hydrogen; alkyl; fluoroalkyl; cycloalkyl; acyl; benzoyl or benzyl which may both be substituted by up to three substituents independently selected from nitro, halogen, CF_3 , alkyl and alkoxy.

 $\text{R}^1\text{-N-}\text{R}^2$

together may be phthalimido, a 5- or 6-membered heterocycle which may be unsubstituted or substituted with one or more substituents independently selected from phenyl, benzyl, alkyl, $\text{N}(\text{CH}_3)_2$, nitro, thiencyl, CONH_2 and COOEt

 A

is a valyl, isoleucyl, leucyl, allo-isoleucyl, β -aminoisobutanoyl, 3-tert-butylalanyl, 2-tert-butylglycyl, 3-cyclohexylalanyl, 2,4-diaminobutanoyl, ornithyl, lysyl, 2-ethylglycyl, 2-cyclohexylglycyl, norleucyl, norvalyl or arginyl residue;

 B

is a N-alkyl-valyl, -norvalyl, -leucyl, -isoleucyl, 2-tert-butylglycyl, 3-tert-butylalanyl, 3-cyclohexylglycyl, -phenylalanyl, or -2-cyclohexylglycyl residue;

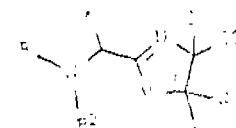
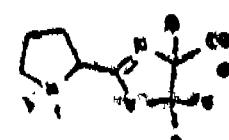
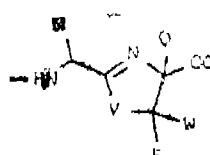
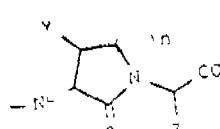
 D, E, F and G

are independently selected from the group consisting of prolyl, homo-prolyl, hydroxy-prolyl, thiazolidinyl-4-carbonyl, 1-amino

177307

pentyl-1-carbonyl, valyl, 2-tert-butylglycyl, isoleucyl, leucyl, 3-cyclohexylalanyl, phenylalanyl, N-methylphenylalanyl, tetrahydroisoquinolyl-2-carbonyl, 3-thia-zolylalanyl, 3-thienylalanyl, hisitidyl, aminooxy-1-carbonyl, 2,4-diaminobutanoyl, arginyl, 3-pyridylalanyl, 3-tert-butylalanyl 2-cyclohexylglycyl, lysyl, norvalyl, norleucyl and 3-nenaphthylalanyl residues is hydrogen, alkyl, cycloalkyl, $-\text{CH}_2$ -cyclohexyl or arylalkyl

A and B together, F and G together, $\text{R}^1\text{R}^2\text{-N-CH}_2\text{-CO}$ and A together, E and F together, either alone or in pairs, may be



where

Y is hydrogen or lower alkyl; Z is hydrogen or lower alkyl: n is 1, 2, or 3; V is oxygen or sulfur; M is hydrogen, lower alkyl, arylalkyl, cyclohexyl, or $-\text{CH}_2$ -cyclohexyl; Q is hydrogen; R is hydrogen or lower alkyl; or R and Q may together form a bond; U is hydrogen, lower alkyl, phenyl, or cycloalkyl; and W is hydrogen, lower alkyl or phenyl; t, u, v, and w are independently 0 or 1; and

K hydroxyl, alkoxy, phenoxy, benzyloxy, or a substituted or unsubstituted amide-moiety; Provided that where t, u, v and w are O, K is not a hydroxy, alkoxy, benzyl or phenoxy moiety; and further provided that where t, u and v are O, K is not a hydroxy or alkoxy moiety; and the salts thereof with physiologically tolerated acids, comprising the steps of sequentially assembling in a known manner the respective amino acids, starting at the C-terminus, extending the chain stepwise by one amino acid at a time to obtain the peptides of the formula I.

(Cont. — 135 pages; Drwgs. — 2 sheets)

Ind. Class—32-F₂(b)

177308

Int. Cl⁴—C 07 D 473/00

PROCESS FOR PREPARING 3, 7-DIALKYLXANTHINES FROM 3-ALKYLXANTHINES

Applicant: HOECHST AKTIENGESELLSCHAFT, A CORPORATION ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors: (1) GERHARD KÖRB

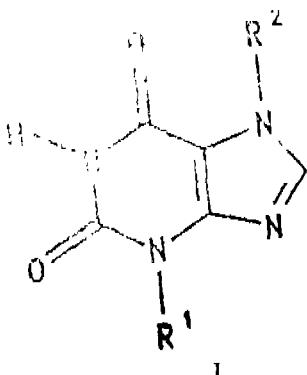
(2) HANS-WOLFRAM FLEMMING

Application No. 336/Mas/93 filed May 18, 1993.

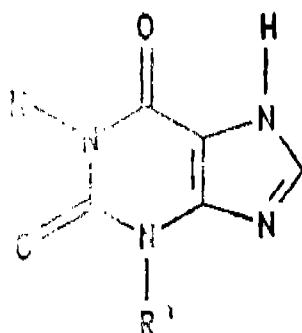
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

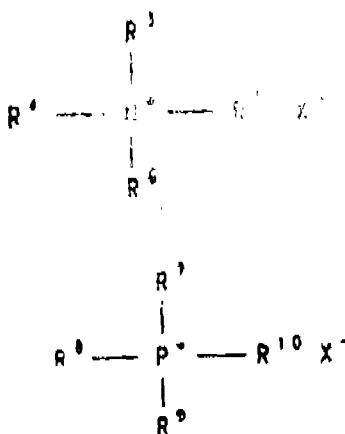
A process for preparing 3, 7-dialkyl-xanthines of the formula I



wherein R¹ and R², independently of each other, are (C₁-C₆) alkyl, which may be straight-chain or branched, comprising the steps of reacting a 3-alkylxanthine of the formula II.



in which R¹ is (C₁-C₆) alkyl, which may be straight-chain or branched in an aqueous phase with a basic agent, such as herein described, to produce its salt: reacting the said salt in a two-phase mixture with an alkylating agent having 1 to 6 carbon atoms in the presence of at least one compound selected from quaternary ammonium or phosphonium compound of the formula III or IV and mixtures thereof.



(III)

(IV)

in which R³ to R¹⁰ are identical or different and, independently of each other, are

(a) (C₁-C₂₀)-alkyl, which may be straight-chain or branched.

(b) Benzyl or

(c) Phenyl and

X is an anion, and in the presence of a linear polyether of the formula V.



in which R¹¹ and R¹² are identical or different and, independently of each other, are (C₆-C₈)-alkyl, Y is a radical from the group.

(a) -CH-CH₂-O- or

(b) -CH-CH₂-CH₂-O-

and n is an integer from 1 to 8.

177339

Com. -20 pages)

Ind, Class—55-E4

Int, Cl4—A 61 K 35/78

A PROCESS FOR PREPARING A PHARMACOLOGICALLY ACTIVE SUBSTANCE IN THE POWDER FROM CONTAINING APIUM GRAVELEONS EXTRACT

Applicant & Inventor ; SESHADRI SOUNDARA RAJAN. AN INDIAN CITIZEN OF NO, 19. ASHOK NAGAR. COIMBATORE-641 001. TAMIL NADU,

Application No, 349/MAS/93 filed May 20. 1993.

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules. 1972). Patent Office. Madras Branch,

3 Claims

A process for Preparing a pharmacologically active substance in powder form containing apium graveleons extract comprising the steps of extracting from ground dried parts of plants and/or seeds of apium graveleons (celery) by solvent extraction using organic solvents such as herein described, vacuum drying the extract at a temperature of 28°C to 65°C and pressure of 300 to 750 mm of mercury and admixing with biologically acceptable fillers such as starch, dextrose, dicalcium phosphate, magnesium trisilicate to obtain pharmacologically active substance containing apium graveleons extract in powder form.

(Com,—6 pages)

Ind, Class—32-F₂ (b)

177310

Int, Cl4—C 07 D 471/00

A PROCESS FOR PREPARING NOVEL SUBSTITUTED CYCLOBUT-3-ENE-1,2-DIONES

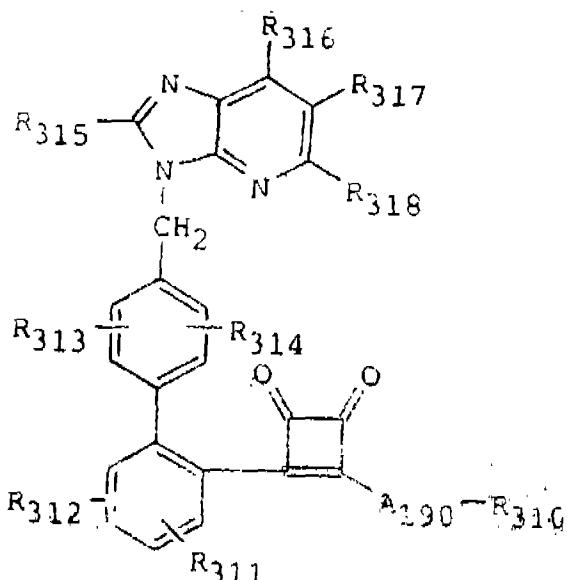
Applicant : THE BOOTS COMPANY PLC,
A BRITISH COMPANY OF 1, THANE ROAD
WEST, NOTTINGHAM. NG2 3AA, NOTTS,
ENGLAND, UNITED KINGDOM.

Inventors : (1) ALAN MARTIN BIRCH
(2) ROBERT WILLIAM STEELE
(3) BARBARA WINIFRED HIT-
CHIN
(4) JOHN PAUL WATTS

Application No. 461/MAS/93 filed July 7, 1993.

Convention date : July 10, 1992: (No. 9214690. 1;
United Kingdom)

Appropriate Office for Opposition Proceedings
(Rule 4, Patents Rules, 1972), Patent Office, Madras
Branch.



3 Claims

A Process for preparing novel substituted cyclo-
but-3-ene-1,2-diones of formula II

wherein R₃₁₀ is hydrogen or C₁₋₄ alkyl;
A₁₉₀ is oxygen;

R₃₁₁, R₃₁₂, R₃₁₃ and R₃₁₄ are each independently hydrogen, fluoro, chloro, bromo, C₁₋₄ alkyl, C₁₋₄ alkoxy, nitro, cyano, carboxy, C₂₋₄ alkoxycarbonyl, C₁₋₄ alkylthio, C₁₋₄ alkylsulphinyl, C₁₋₄ alkylsulphonyl, phenyl (optionally substituted by C₁₋₄ alkyl, C₁₋₄ alkoxy, fluoro, chloro or bromo, C₁₋₄ alkylsulphonylamino or C₁₋₆ alkylamino-
sulphonyl); R₃₁₅ is hydrogen or C₁₋₄ alkyl, and R₃₁₆, R₃₁₇ and R₃₁₈ are each independently hydrogen, C₁₋₄ alkyl, nitro, fluoro, chloro, bromo, cyano, formyl or a group of the formula -SO_gR₃₂₀, -SO₂NR₃₂₁R₃₂₂ or -COR₃₂₃ (wherein R₃₂₀, R₃₂₁, R₃₂₂ are each independently hydrogen or C₁₋₄ alkyl, g is 1 or 2 and R₃₂₃ is C₁₋₄ or a group of the formula -OR₃₂₄ or -NR₃₂₅R₃₂₆ wherein R₃₂₄, R₃₂₅ and R₃₂₆ are each independently hydrogen or C₁₋₄ alkyl;

or a pharmaceutically acceptable salt thereof;
by reacting a compound of formula LXX

Ind, Cl ; 51 D [LXVI (2)]

177312

Int, Cl.4 ; A 45 D 27/00.

RAZOR BLADE HEAD,

Applicant(s) : THE GILLETTE COMPANY, a Corporation organised under the law of the State of Delaware, United States of America, of presidential Tower Building, Boston, State of Massachusetts, United States of America

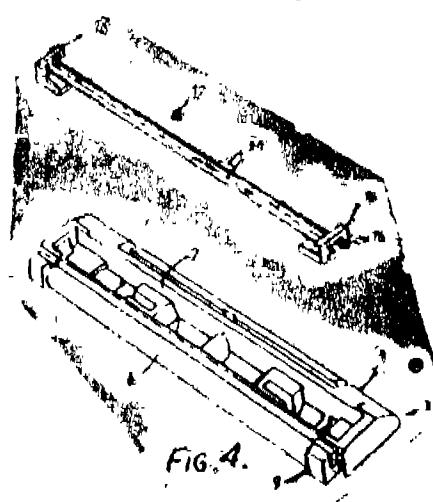
Inventor : JOHN FREDERICK FRANCIS.

Application for patent No. 350 DEL 88 filed on 22 Apr 1988, Convention date 08-05-1987/ 8710963/ U.K.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch New Delhi-110 005

(4 CLAIMS)

A razor blade head including a main body having an open frame (2, 4, 6, 9) formed therein to receive and locate a blade unit (12) that lies across said open frame (2, 4, 6, 9), and a guard member (6) which is resilient and displaceable in reaction to forces encountered during shaving, wherein the main body and guard member (6) are formed as a unitary plastics molding in which the guard member (6) is connected to the main body by fingers (7) that are resilient and by hinges (11) that extend from said fingers (7) so that together said fingers (7) and hinges (11) permitting the guard member (6) to be displaced relative to the main body from an original position as molded, in reaction to force, encountered during shaving, into engagement with guide brackets (9) on the main body, said guide brackets (9) permitting displacement of the guard member (6) against the force exerted on the guard member (6) by the resiliency of the fingers (7).



19 CLAIMS

A composition for use as an lubricating oil additive comprising ;

- (A) a partial fatty acid ester of a polyhydric alcohol and
- (B) a prepared cosulfurized reaction product of at least one olefin of the kind such as herein described and one or more fatty acid compound such as herein described, the weight ratio of said component (A) to said component (B) being between 0.05 to 10 and 5 to 0.1.

COMPLETE SPECIFICATION : 41 PAGES. DRAWING SHEET : n/a.

(Complete Specification 7 Sheets, Drawings 2 sheet

Ind. Cl : 29C

177313

Int. Cl⁴ : G 06 F 7/00**"APPARATUS FOR BUFFERING AND PARITY CHECKING DIGITAL DATA"**

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION of Armonk New York 10504, U.S.A. (A USA Corporation).

Inventor : PATRICK MAURICE BLAND, MARK EDWARD DEAN, GENE JOSEPH GAUDENZI, KEVIN GERRARD KRAMER AND SUSAN LYNN TEMPEST.

Application for Patent No. 628/DEL/89 filed on 13th July, 1989.

Conventional date : 23-11-88 8827407.1 U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 CLAIMS

Apparatus for buffering and parity checking digital data communicated between first and second data buses, comprising : a plurality of bidirectional bit buffer circuits connected in parallel between first and second data lines on the data buses, each of said bidirectional bit buffer circuits comprising : a first data path comprising a receiver having an input connected to said first data bus and an output connected to a circuit node, latch means having a common input/output connected to said circuit node for selectively holding data bit at said circuit node, and a driver having an input connected to said circuit node and an output connected to said second data bus; a second data path comprising a receiver having an input connected to said second data bus and an output connected to a circuit node, latch means having a common input/output connected to said circuit node for selectively holding data bit at said circuit node, and a driver having an input connected to said circuit node and an output connected to said first data bus; means for controlling said drivers to selectively place the output of said drivers in an active driving state or a high impedance state, and means for controlling each of said latch means to selectively hold data bit at the corresponding circuit node or to permit the output of the receiver to vary the data at the corresponding circuit node; and parity generating means connected to said circuit node of the first data path in each of said bidirectional bit buffer circuits for generating a parity bit responsive to the data bits at the circuit nodes of the first data paths.

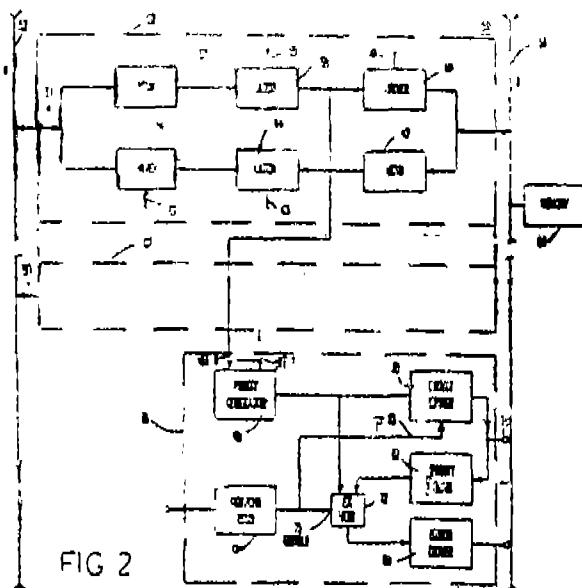


FIG 2
Complete Specification 11 Pages Drwgs. 4 sheets)

Ind. Cl : 184 XX VIII (5)

177314

Int. Cl⁴ : B 65 D 1/00.**A FUEL TANK FOR THE STORAGE OF AGGRESSIVE LIQUIDS**

Applicant : HANSDIETER BRHUN, a German citizen of Pellowormer & Strasse 51, D-2800 Breman, Federal Republic of Germany.

Inventor : HANSDIETER BRHUN.

Application for Patent No. 739/DEL/89 filed on 21-8-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rule 1972), Patent Office Branch, Karol Bagh, Delhi-110005.

Claims 6

A fuel tank for the storage of aggressive liquids especially liquid fuels for operating propulsion engines of satellites, which comprises:

a hollow tank body (10);

connector means (14, 15) for filling said tank body (10) with fuel and for removing fuel therefrom;

a collecting device (12) provided within said tank body (10),

guide vanes (13) provided within said tank body and secured to the inner surface thereof;

said connector means cooperating with said collection device (12) and said guide means (13) to enable pumping of said fuel in a bubble-free manner in zero gravity operating conditions;

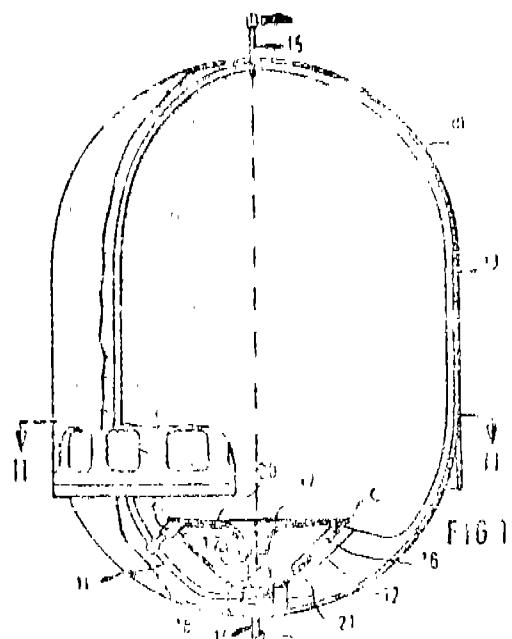
characterized in that :

said collecting device (12) comprises a container open at either end constituted by inner and outer conical walls (16, 17), said walls (16, 17), being connected to each other around the circumference (C) of their larger diameters, the smaller diameter ends of said walls (16, 17) terminating in respective openings (16a, 17a);

a collecting vessel (18) is provided within said tank body (10) adjacent one of said openings (16a, 17a), said collecting vessel (18) being secured to the connector (14) for removing fuel from said tank;

additional collecting vessel (19) are connected to the container comprising said collecting device (12) and constituted by said inner and outer conical walls (16, 17) said additional collecting vessels being connected to said container in the region of the larger diameters of said conical walls (16, 17) and

Pipe means (11) are provided to connect said collecting vessels (18) to said additional collecting vessels (19).



(Complete Specification 11 Pages Drawgs. 1 sheet).

Ind: Cl. : 129 Q, 177315

Int: Cl⁴ : B23K 9/32

: AN IMPROVED RECEPTACLE HAVING A PLURALITY OF PIPE BRANCH PIECES.

Applicant : BALCKE-DURR AKTIENGESELLSCHAFT, OF HOMBERGER STRASSE 2, D-4030 RATINGEN 1, WEST GERMANY.

Inventor : ALBERT BEIER, PETER DENNER, WOLFGANG HERRMANN,

Applicant for Patent No. 492/DI/90 filed on 21-05-90.

Appropriate office for filing opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

(Claims 3)

An improved receptacle having a plurality of pipe branch pieces which comprises :

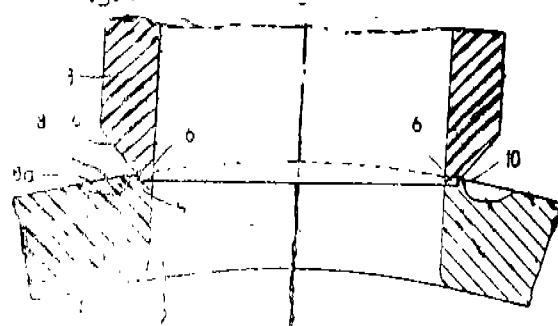
a receptacle wall (1) having welded thereon in the region of a bore (2) a plurality of Pipe branch Pieces (3)

the end of the said pipe branch piece (3) tapers conically inwards relative to the external diameter, said pipe branch piece having a cylindrical extension (6) an annular contact surface (5) Provided relative to the said cylindrical internal diameter and formed at right angles to the centre line of the said formed pipe branch piece (3) at the end of said cylindrical extension (6)

the internal diameter of the said annular contact surface (5) corresponding to the internal diameter of the pipe branch Piece (3)

the said Pipe branch (3) by means of said annular contact (5) contacting on the said receptacle wall (1) surrounding said bore (2) said contraposed surface (9) being in the form of an annular surface the diameter which corresponds to the diameter of the bore (2) characterised in that the width of the annular contact surface (5) of the pipe branch piece (3) is smaller than the admissible residual gap (12), the width of the contraposed surface (9) formed on the receptacle wall (1) is marginally larger than the width of the annular contact surface (5) and the peripheral face of said contraposed surface (9) facing away from the bore (2) is enclosed by a ring (10) manufactured integrally from the material of the receptacle wall (1) wherein the height of said ring (10) is marginally less than the axial length of the extension (6) formed on the Pipe branch piece (3) and its thickness is so negligible that the ring (10) is completely melted by the externally applied arc of the particular welding process.

Fig. 2.



(Complete Specification 10 pages Drawing Sheets 2).

Ind. Cl. : 129 G.

Int. Cl. 4 ; B21H 8/00.

APPARATUS FOR SCORING SHEET MATERIAL

Applicant : SAMUEL JONES & CO. LIMITED.
of Butterly House, St-Neots, Hunting-
don, Cambridgeshire PE19 4EE.
England.

Inventor : ROGER ANTHONY ALLEN,
JOHN MARINER.

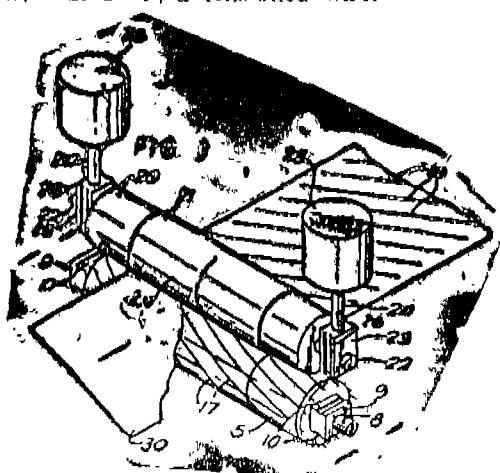
Application for patent No. 486/DEL/90 filed on 18-05-90.

Convention date : (1) 8913564.4/13-06-89/GB.
(2) 8922361.4/04-10-89/GB

Appropriate office for filing opposition Proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

(Claims 11)

Apparatus for scoring sheet material comprising a rotatably mounted scoring roll, a co-operating rotatably mounted anvil roll having a hard surface, said rolls forming a nip through which scorable material is passed for the formation of scored lines thereon, characterised by a resilient surface layer on said scoring roll, said resilient surface layer having a Shore D hardness in the range 60° to 85°, and by at least one linear scoring element extending over the resilient surface layer on said scoring rolls said scoring element being a tensioned wire.



(Complete Specification 18 pages Drawing Sheets 2).

Ind. Cl. : 205 E,

Int. Cl. 4 : G06F 3/00, 13/00

DATA PROCESSING SYSTEM.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, a company organised and existing under the

laws of the State of New York, United States of America, of Armonk, New York 10504, United States of America.

Inventor : BOBBY JOHN FREEMAN, JOHN MONROE DINWIDDIE, JR., LONNIE EDWARD GRICE, JOHN MARIO LOFFREDO, KENNETH RUSSELL, SANDERSON, & GUSTAVO ARMANDOSUAREZ.

Application for patent No. 663/Del/90 filed on 29th June, 1990.

Conventional data : U.K. Patent Application No. 8923887.7 dated 24th October 1989.

Appropriate office for opposition proceedings (Rule 4
Patents Rules, 1972) Patent Office Branch, New
Delhi-110005.

(Claims 4)

A data processing system of the type in which system initialisation routines control the self testing and initialisation of each of a first pair and a second partner pair of processors coupled to associated hardware, in which one pair of processors is kicked off into lock step operation with the other pair upon satisfactory self testing and initialisation, and in which the pairs of processors thereafter perform identical operations in lock step under control of a first operating system and a first instruction architecture means, characterised by an additional first pair of processors and an additional partner pair of processors, each pair being adapted to perform identical operations under control of a second operating system and a second instruction architecture means, means effective during system initialisation for inhibiting the kick off of the first pair and second partner pair of processors into lock step operation until the additional pairs of processors are self tested and initialised independently of the first operating system, means associated with the first pair and second partner pair of processors for initiating and controlling the self testing and initialisation of the additional pairs of processors independently of the first operating system, and means for initialising the concurrent kick off of the first and second partner pair of processors and the kick off of said additional first and partner pairs of processors in lock step operation upon completion of all self testing and initialising independently of the first operating system.

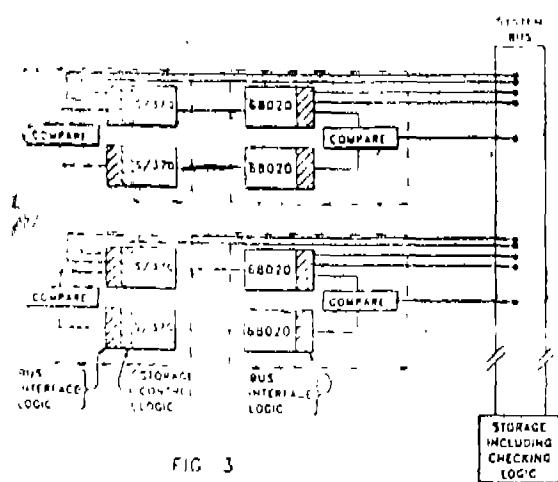


FIG. 3

Complete Specification 255 Pages Drawing 84 sheets)

Ind. Cl. : 63F [(LVII (1)].

Int. Cl. : H 02 K 23/00.

Title : A D.C. FLAT MOTOR.

Applicant : SANDEN CORPORATION, A JAPANESE COMPANY, OF 20 KOTOBUKICHO, ISESAKISHI, GUNMA, 372J APAN.

Inventor : TSUSHIGAWARA TOSHIYUKI.

Application No. 871 DEL 88 filed on 13th Oct., 1988.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 15

A D.C. flat motor comprising :

a motor housing (21, 22) having first engaging means, (35) said first engaging (35) means having projections (35) extending from the inner surface of said motor housing, (21, 22) said projections (35) disposed at predetermined positions on the inner surface of said housing (21, 22);

a ring-like shaped magnet (25) fixed to said motor housing; (21, 22);

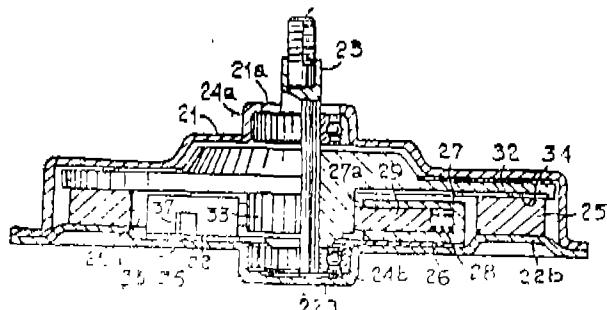
a holder plate (26) attached to said motor housing (21, 22) and

provided with a pair of brush holders, (27) and a brush (29) held in each brush holder, (27) said holder plate (26) is provided with second engaging means (35) having holes (36) on said holder plate, (26) said

holes constituted at predetermined positions corresponding to the predetermined positions of said projections (35), said holder plate (26) located coaxially with said motor housing by (21, 22) by engagement of said holes (36) of said second engaging means (35) with said projections of said first engaging means (35);

third engaging means (47) for positioning said magnet (25) coaxially with said holder plate (26) by engagement of said third engaging means (47) with an inside surface (44a) of said magnet; (25) and

an armature (32) having a commutator (33) inserted between the pair of brushes held in said pair of brush holders (27).



(Complete Specification 24 Pages Drg 8 sheets.)

Ind. Cl. : 32 (F 2b).

Int. Cl. : C07D, 231/54.

Title : AN IMPROVED FOR THE PREPARATION OF 5-METHOXY-2 (3, 5-DIMETHYL-2-PYRIDINYL) METHYL (SULFINYL) -1-H BENZIMIDAZOLE (OMEPRAZOLE).

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

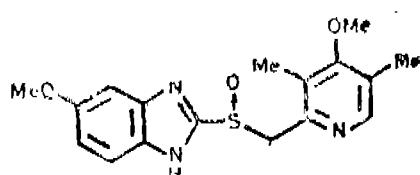
Inventors : ALLAVENKATA RAMA RAO, MADHUSUDAN NAGORAO DESHMUKH, PULLELA VENKATA SRINIVAS.

Application for Patent No. 1277/DEL/90 filed on 18 Dec. 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

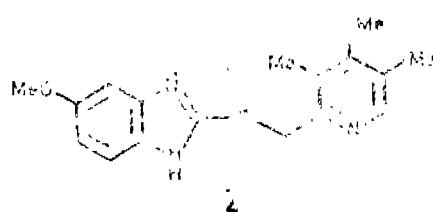
30 Claims

An improved process for the preparation of 5-methoxy-2-(3, 5-dimethyl-4-methoxy-2-pyridinyl)methyl sulfanyl-1H-benzimidazole (omarprazole) of the formula I shown in the drawing accompanying this specification



1

which comprises oxidising the sulfide of the formula 2.



employing oxidising agents selected from m-chloroperbenzoic acid, monoperoxy phthalic acid—Mgsalts, sodium metaperiodate at -10°C to -12°C, the oxidation being effected in solvents selected from ethyl acetate, water and acetone.

(Complete Specification-5 pages & Drawing sheets-1)

Ind. Cl. : 62 (C).

Int. Cl. : D 21 C, 9/10.

Title : A PROCESS FOR BIOBLEACHING OF EUCALYPTUS KRAFT PULPS.

Applicant : Deptt. of Microbiology, Punjab University, Chandigarh-160014 and (Paper Division, Ballarpur Industries Ltd. Shree Gopal Unit, Yamuna Nagar) of Thapar Corporate Research & Development Centre, Patiala.

Inventors : JUGAL KISHORE GUPTA, VIBHA MEHTA & MUNISHWAR BALI JAUHAR.

Application for Patent No. 1342/DEL/90 filed on 28th Dec., 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

An improved process for biobleaching of eucalyptus kraft pulps which comprises treating the pulp for 35 to 75 hours with a white rot fungus *Phanerochete chrysosporium* in the concentration from 5 to 25% (W/W) in the presence of a nutrient medium having pH from 3.5 to 6.0 at a temperature of 25-45°C.

(Complete Specification-0 Pages & Drawing sheets -Nil).

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of patent No. 167142 dated the 24th March, 1985 made by General Motors Corporation on the 19th Dec., 1995 and notified in the Gazette of India Part I, Section 2, dated the 6th April, 1996 has been allowed and the said patent restored,

Notice is hereby given that an application for restoration of patent No. 169359 dated the 6th April, 1987 made by Borrenberg Eelstahl GmbH, on the 16th Feb., 1996 and notified in the Gazette of India part III, Section 2, dated the 11th June, 1995 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of patent No. 170340 dated the 27th Oct., 1987 made by SMS Schloemann-Siemag Aktiengesellschaft on the 27th Oct., 1995 and notified in the Gazette of India part III, Section 2, dated the 25th, Feb., 1996 has been allowed and the said patent restored;

Notice is hereby given that an application for restoration of patent No. 170519 dated the 30th Dec., 1987 made by Hoechst Aktiengesellschaft & Uhde GmbH on the 20th Oct., 1995 and notified in the Gazette of India part III, Section 2, dated the 27th January, 1996 has been allowed and the said patent restored.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that SCHUBERT & SALZER MASCHINENFABRIK AG, Postfach 260, 8070 Ingolstadt, FEDERAL REPUBLIC OF GERMANY have made an application under section 57 of the patents Act, 1970, for amendment of application and application of their application for patent No. 495/MAS/90 for "A METHOD AND DEVICE FOR MANUFACTURING SPUN YARN IN AN OPEN END SPINNING MACHINE". The amendments are by way of correction. The

application for amendment and the proposed amendments can be inspected free of charge at the patent Office Branch, 61, Wallajah Road, Madras-600002, or copies of the same can be had on payment of the usual copying charges. Any Person interested in opposing the application for amendment may file a notice of opposition on Prescribed Form 30 within 3 months from the date of notification at the patent Office Branch, Madras-2. If the written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said Notice.

RENEWAL FEES PAID

159091	159092	159352	159357	160109	160111
160484	161632	161817	161898	162520	162543
162545	162883	163095	163111	163224	163479
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168226	168352	168447	168575	168838	168939
168952	168971	16997	169913	169349	169350
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169622	163660	169771	169796	169999	170011
170042	170061	170148	170233	170309	170361
170376	170377	170539	170577	170842	170861
170988	171051	171145	171163	171203	171268
171269	171331	171335	171379	171382	171389
171560	171582	171583	171584	171656	171699
171917	172160	172186	172206	172265	172359
172360	172397	172518	172703	172864	172865
172855	173023	173043	173052	173079	173073
173125	173156	173282	173315	173534	173536
173579	173725	173772	173854	173912	174053
174291	174335	174417	174449	174951	175044
175099	175282	175290	175414	175585	175624
175648	175649	175652	175765	175962	176053
176054	176057	176060			

CESSATION OF PATENTS

167982	168002	168005	168012	168023	168040
168102	168126	168131	168174	168207	168227
168258	168262	168274	168279	168280	168296
168306	168338	168339	168383	168429	168430
168485	168486	168505	168515	168525	168542
168557	168580				

PATENT SEALED ON 29-11-1996

176381* 176466* 176473* 176474* 176477 176478*D
176479* 176480* 176481* 176482 176483 176484
176485 176486* 176487 176489* 176490

CAL-99, DEL-97, BOM-01, MAS-NIL,

"Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug patents, F—Food patents.

Registration of Designs

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 13. Nos. 171033 to 171089, Mira Singh Akoi, an Indian national of 2 Kasturba Gandhi Marg, New Delhi-110001 India, "FURNISHING". 11th April, 1996.

Class 13. No. 169661, Mita Singh Akoi, 2 Kasturba Gandhi Marg, New Delhi-110001, India, an Indian national of the above address, "TABLE CLOTH". 9th August, 1995.

Class 13. Nos. 170265 & 170266, Mira Singh Akoi, an Indian national of 2 Kasturba Gandhi Marg, New Delhi 110001, India, "FURNISHING". 22nd November 1995.

Class 13. Nos. 170359 & 170360, Golden Strand Pvt, Ltd., B 40, Sector 9, Noida, 210301, Uttar Pradesh, India, an Indian Company registered under the provisions of Indian Companies Act, 1961, of the above address, "TEXTILE FABRIC", 8th December 1995,

Class 13. No. 170032, Mohan Exports (India) Ltd., Mohan House, Zamrudpur Community Centre, Kailash Colony Extension, New Delhi-110048, India an Indian Company, "FABRIC", 13th October 1995.

Class 13. Nos. 170786 & 170787, Tarun Devraj, A-1, Bani park, Nair Motimahal Chini Jaipur 302016, India, Indian, "T-SHIRT", 23 February 1996,

Class 13. No. 168145, Ravissant, a division of Vishal (P) Ltd., an Indian company, 24 Nehru Place, New Delhi 110019, India, "PRINTED CLOTH". 26th September 1994.

Class 13. Nos. 169662 to 169665, Mira Singh Akoi, 2 Kasturba Gandhi Marg, New Delhi-110001, India, an Indian national, of the above address, "TABLE CLOTH", 9th August 1995.

Class 13. Nos. 170165 & 170166, Mira Singh Akoi, 2, Kasturba Gandhi Marg, New Delhi-110001, India. "TABLE LINEN". 14th November 1995.

Class 13. Nos. 170674 to 170682, Taurus Merchandising Private Limited, an Indian Company of E 15 South Extension Part II, New Delhi 110049, India, "QUILT/ BEDSPREAD", 6th February 1996.

Class 13. No. 170267, Mira Singh Akoi, of 2 Kasturba Gandhi Marg, New Delhi 110001, India, "FURNISHING". 22nd November 1995.

T. R. SUBRAMANIAN
Controller General of Patents, Designs &
Trade Marks